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The Urban District of Litherland

ANNUAL REPORTS

of the

Medical Officer of Health

and of the

Chief Public Health Inspector

For the Year 1958



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THE URBAN DISTRICT COUNCIL OF LITHERLAND

YEAR 1958

Chairman of the Council:

COUNCILLOR Mrs. E. FORRESTER, J.P.
(Died, 29th December, 1958)

Chairman of the Health Committee:

COUNCILLOR P. T. CLUSKEY, J.P.

Deputy Chairman of the Health Committee :

COUNCILLOR T. H. PEARCE.

Health Committee:

F. COWARD

J. E. OWENS

G. ECCLES

G. R. SNOWDEN,

W. T. GRIFFITH

E. F. WILLIAMS

L. E. LLOYD, J.P.

Mrs. E. FORRESTER,
Ex Officio

Medical Officer of Health:

J. G. HAILWOOD, M.D., Ch.B., M.R.C.S., L.R.C.P., D.P.H.

Assistant Divisional Medical Officer of Health:

R. E. JONES, M.B., Ch.B., D.P.H.

Lancashire County Council.

Public Health Inspectors:

H. HARRISON, F.R.S.H., F.A.P.H.I., (Chief)

Additional Public Health Inspector:

E. F. BARNES, M.R.S.H., M.A.P.H.I.
Commenced duties 6th January, 1958

THE URBAN DISTRICT COUNCIL OF LITHERLAND

TOWN HALL,
LITHERLAND,
LIVERPOOL, 21.
September, 1959.

To THE CHAIRMAN AND MEMBERS
OF THE HEALTH COMMITTEE.

MADAM/GENTLEMEN,

I have pleasure in submitting my Annual Report on the health of the district for 1958.

The infant mortality rate at 26.2 per 1,000 live births showed a decrease on the figure of 1.8 for 1957. The figure for England and Wales is 22.5.

There were no cases of Diphtheria notified during the year, and no deaths from Scarlet Fever, Measles or Whooping Cough. The number of new notifications of Pulmonary Tuberculosis was 23, a reduction of eleven on the previous year. Determined efforts must still be made to reduce the incidence of this disease. Improved housing and relief of overcrowding will certainly help.

I would like to thank the staff of the Department for their help and the Members of the Health Committee for their continued interest in the health of the district.

I am,

Your obedient servant,

J. G. HAILWOOD,
Medical Officer of Health.

PARTICULARS TO BE INCLUDED IN THE
ANNUAL REPORT OF THE MEDICAL OFFICER OF
HEALTH FOR THE YEAR 1958.

1.—Statistics and Social Conditions of the Area.

Area in acres	...	...	...	...	...	...	1,187.08
Population—Census, 1951	...	...	...	...	...	...	22,197
—Estimated, Mid 1958			...	...	...	...	24,590
No. of inhabited houses (Census, 1951)	...	...	...	...	...	...	5,858
No. of inhabited houses on Rate Books, Dec. 1958					...	...	7,247
Rateable Value	...	...	...	...	...	...	£218,477
General Rate, 1958/59	...	...	...	...	...	...	18/0d.
					(Ford Ward	—	16/1d.
Sum represented by a penny rate	...	...	...	...	...	...	£875

There is no special report to make on the influence of any particular occupation on public health.

UNEMPLOYMENT.—There are no separate figures at the Labour Exchange as to the extent of the unemployment in the district.

BIRTHS.

The number of children born in the district during 1958 was 496; 259 males and 237 females. This gives a crude Birth Rate of 20.2, adjusted 19.0 per 1,000 of estimated population.

DEATHS.

The total number of deaths during the year 1958 was 256; 138 males and 118 females. This gives a crude Death Rate of 10.4 adjusted 15.1.

INFANTILE MORTALITY

During the year 13 children died who, at the time of their death, had not reached the age of one year, 8 of these died in the first 4 weeks of life.

ZYMOTIC DEATHS.

During the year, there were no deaths from Whooping Cough, Diphtheria, Measles, or from Meningococcal infection.

VITAL STATISTICS.

Home population—Registrar General's estimate, mid 1958, 24,590

COMPARABILITY FACTORS.

Births ... 0.94				Deaths ... 1.45			
Live Births— 496				Still Births— 8			
		M.	F.			M.	F.
Total	...	259	237	Total	...	5	3
Legitimate	...	251	230	Legitimate	...	5	3
Illegitimate	...	8	7	Illegitimate	...	—	—
Deaths of Infants under one year				Deaths of Infants under four			
of age—				weeks of age—			
		M.	F.			M.	F.
Total	...	7	6	Total	...	4	4
Legitimate	...	7	6	Legitimate	...	4	4
Illegitimate	...	—	—	Illegitimate	...	—	—

LUTHERLAND U.D.C.

Year	Live Births.		Deaths (all causes).		Stillbirths.		Maternal Mortality.		Infant Mortality			
	No, regis-tered.	Rate per 1,000 popula-tion.	No. regis-tered.	Rate per 1,000 popula-tion.	No. regis-tered.	Rate per 1,000 total births.	No. of deaths regis-tered.	Rate per 1,000 total births.	Total. No. of deaths regis-tered.	Rate per 1,000 live births.	No. of deaths regis-tered.	Neo-Natal. Rate per 1,000 live births.
1958 ...	496 ...	20.2 ...	256 ...	10.4 ...	8 ...	15.9 ...	Nil ...	Nil ...	13 ...	26.2 ...	8 ...	16.1
”	431 ...	17.6 ...	248 ...	10.1 ...	13 ...	29 ...	Nil ...	Nil ...	12 ...	28 ...	9 ...	21
”	411 ...	16.9 ...	233 ...	9.6 ...	11 ...	26 ...	Nil ...	Nil ...	8 ...	19 ...	6 ...	15
”	386 ...	16.0 ...	239 ...	9.9 ...	13 ...	33 ...	Nil ...	Nil ...	9 ...	23 ...	6 ...	16
”	432 ...	18.3 ...	227 ...	9.6 ...	18 ...	40 ...	1 ...	2.22 ...	9 ...	21 ...	5 ...	12
”	403 ...	17.9 ...	194 ...	8.6 ...	11 ...	27 ...	Nil ...	Nil ...	13 ...	32 ...	11 ...	27

Crude Birth Rate 20.2

Crude Death Rate 10.4

*Adjusted—Live birth-rate (comparability factor, 0.94) — 19.0 per 1,000.

Death-rate (comparability factor, 1.45) — 14.5 per 1,000.

DIPHTHERIA IMMUNIZATION

Age at date of Inoculation	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	Total
Under 1 yr.	—	—	—	—	—	1	1	—	23	7	2	2	168	17	134	148	150	121	135	125	156	158	177	193	
1-2 years	11	6	2	5	9	14	44	118	144	115	209	189	118	262	181	108	137	98	134	152	139	66	54	50	
2-3 „	21	5	9	10	6	21	37	96	51	23	31	41	37	32	11	29	17	18	26	29	26	14	9	19	
3-4 „	22	9	8	1	11	23	30	86	55	10	20	15	12	7	11	17	13	6	9	16	26	8	9	5	
4-5 „	30	10	12	16	10	26	31	63	59	7	11	9	7	10	10	10	4	4	7	12	17	2	2	5	
5-6 „	47	38	29	30	31	63	59	55	35	5	19	2	5	6	12	44	38	16	41	17	35	2	2	—	
6-7 „	51	17	16	29	14	35	41	46	38	1	19	11	3	8	11	41	28	17	32	48	38	1	4	1	
7-8 „	41	24	14	13	10	11	27	22	30	7	12	2	—	2	13	30	16	4	11	30	25	—	1	—	
8-9 „	40	40	9	9	16	16	24	14	25	6	8	3	2	1	10	28	34	—	8	10	41	—	—	—	
9-10 „	36	31	18	12	12	9	19	16	24	3	7	2	—	—	12	23	27	2	2	14	20	—	—	—	
10-11 „	55	41	9	8	9	11	21	9	25	8	5	5	1	1	7	23	15	5	—	20	16	—	1	—	
11-12 „	30	37	9	3	4	6	18	8	9	2	8	4	—	—	—	13	24	1	1	3	5	1	—	—	
12-13 „	21	21	4	4	2	9	9	13	8	1	2	7	1	—	—	3	11	—	1	2	3	—	—	—	
13-14 „	11	14	7	6	1	9	8	1	8	1	1	3	—	—	—	5	8	—	—	—	6	—	—	—	
14-15 „	—	1	—	—	—	—	1	—	—	—	—	1	—	—	—	3	5	—	—	—	3	—	—	—	
15 & over	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	2	2	1	2	—	—	1	—	1	
not known	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Totals	416	294	146	146	135	255	370	547	534	196	354	296	354	346	412	527	543	293	409	478	556	253	259	274	8339

CAUSES OF DEATH IN LITHERLAND URBAN DISTRICT, 1958.

As supplied by General Register Office, Somerset House.

<i>Causes of Death.</i>					<i>M.</i>		<i>F.</i>
1.	Tuberculosis, respiratory	...	...	...	3	...	1
2.	Other Tuberculosis Diseases	...	...	...	—	...	—
3.	Syphilitic disease	...	...	...	—	...	—
4.	Diphtheria	...	...	...	—	...	—
5.	Whooping cough	...	...	...	—	...	—
6.	Meningococcal infections	...	...	...	1	...	—
7.	Acute poliomyelitis	...	...	...	—	...	—
8.	Measles	...	...	...	—	...	—
9.	Other infective and parasitic diseases	...	...	...	—	...	2
10.	Malignant neoplasm, stomach	...	...	...	3	...	6
11.	Malignant neoplasm, lung bronchus	...	...	...	10	...	—
12.	Malignant neoplasm, breast	...	...	...	—	...	6
13.	Malignant neoplasm, uterus	...	...	...	—	...	1
14.	Other malignant and lymphatic neoplasms	...	...	...	9	...	9
15.	Leukaemia, Aleukaemia	...	...	...	1	...	—
16.	Diabetes	...	...	...	—	...	2
17.	Vascular lesions of nervous system	...	...	...	13	...	13
18.	Coronary diseases, angina	...	...	...	31	...	15
19.	Hypertension, with heart disease	...	...	...	3	...	7
20.	Other heart disease	...	...	...	10	...	21
21.	Other circulatory disease	...	...	...	4	...	1
22.	Influenza	...	...	...	—	...	—
23.	Pneumonia	...	...	...	6	...	8
24.	Bronchitis	...	...	...	12	...	6
25.	Other diseases of respiratory system	...	...	...	1	...	2
26.	Ulcer of stomach and duodenum	...	...	...	—	...	—
27.	Gastritis, enteritis and diarrhoea	...	...	...	1	...	—
28.	Nephritis and nephrosis	...	...	...	1	...	1
29.	Hyperplasia of prostate	...	...	...	2	...	—
30.	Pregnancy, childbirth and abortion...	...	...	...	—	...	—
31.	Congenital malformations	...	...	...	3	...	1
32.	Other defined and ill-defined diseases	...	...	...	16	...	15
33.	Motor vehicle accidents	...	...	...	5	...	—
34.	All other accidents...	...	...	...	2	...	1
35.	Suicide	...	...	...	2	...	—
36.	Homicide and operations of war	...	...	...	—	...	—
All causes					138	...	112

ANNUAL REPORTS OF MEDICAL OFFICERS OF HEALTH 1958.

Vital Statistics.

Birth and death-rates, together with case rates for certain infectious diseases, for England and Wales in the year 1958.
(Provisional figures based on Registrar-General's Weekly and Quarterly Returns).

Estimated home population mid 1958				—	44,109,000
				No.	Rate per 1000 home population
Births—					
Live Births	.....	.....	.....	738,323	16.4
Stillbirths	.....	.....	.....	16,274	(0.36 (21.6(a))
Deaths—					
All causes	.....	.....	.....	526,792	11.7
Tuberculosis (all forms)	.....	.....	.....	4,480	0.10
Respiratory	.....	.....	.....	4,000	0.09
Non-Respiratory	.....	.....	.....	480	0.01
Cancer (all forms)	.....	.....	.....	95,799	2.12
Lung and bronchus	.....	.....	.....	19,809	0.44
Other cancer	.....	.....	.....	75,990	1.68
Maternal Mortality (total)	.....	.....	.....	326	0.43(a)
Maternal causes (excluding abortion)	.....	.....	.....	263	0.35(a)
Due to abortion	.....	.....	.....	63	0.08(a)
Infant Mortality	.....	.....	.....	16,620	22.5(b)
Neo-natal mortality	.....	.....	.....	11,969	16.2(b)
Notifications (Corrected)—					
Typhoid fever	.....	.....	.....	147	0.00
Paratyphoid fever	.....	.....	.....	199	0.00
Meningococcal infection	.....	.....	.....	836	0.02
Scarlet fever	.....	.....	.....	38,844	0.86
Whooping Cough	.....	.....	.....	33,384	0.74
Diphtheria	.....	.....	.....	79	0.00
Erysipelas	.....	.....	.....	3,290	0.07
Smallpox	.....	.....	.....	5	0.00
Measles	.....	.....	.....	259,221	5.75
Acute Pneumonia	.....	.....	.....	22,297	0.49
Acute Poliomyelitis—	.....	.....	.....
Paralytic	.....	.....	.....	1,410	0.03
Non-paralytic	.....	.....	.....	587	0.01
Acute Encephalitis—	.....	.....	.....
Infective	.....	.....	.....	170	0.00
Post-infectious	.....	.....	.....	119	0.00
Dysentery	.....	.....	.....	38,101	0.84
Food Poisoning	.....	.....	.....	8,931	0.20
Puerperal pyrexia	.....	.....	.....	10,777	0.24
Tuberculosis—	.....	.....	.....
Respiratory	.....	.....	.....	26,595	0.59
Meninges and C.N.S.	.....	.....	.....	262	0.01
Other	.....	.....	.....	3,231	0.07

(a) Per 1,000 total (live and still) births.

(b) Per 1,000 live births.

HEALTH DEPARTMENT,
East Cliff County Offices,
PRESTON.

2.—General Provision of Health Services for the Area.

HOSPITALS.

There are no hospitals in the district. Infectious diseases are admitted to Hospitals in Liverpool. General Medical and General Surgical cases are removed to the General Hospitals of Liverpool, Bootle, Waterloo and Alder Hey. Children are admitted to the Liverpool Childrens Hospital also to Alder Hey Hospital.

TUBERCULOSIS.

This work is administered by the Liverpool Regional Hospital Board, the Tuberculosis Dispensary being situated at "Ellesmere," Crosby Road North, Waterloo. Home visiting of patients is carried out by nurses under the supervision of the Lancashire County Council, working from the above Dispensary.

VENEREAL DISEASES.

Patients make their own arrangements with the Liverpool Hospitals.

MATERNITY.

There is no Maternity Hospital in the district, but the Liverpool and Ormskirk Hospitals are available.

MIDWIVES.

There are two Midwives on the County Council Register and practising in the district.

MATERNAL MORTALITY.

No special arrangements have been made for the investigation of maternal deaths, and cases of Puerperal Fever or Puerperal Pyrexia; this work is carried out by the Lancashire County Council.

NATIONAL ASSISTANCE ACT, 1948.

There were no applications for assistance during the year.

CLINIC AND TREATMENT CENTRES.

This work is administered by the Lancashire County Council. The Clinics are situated at Sefton Road and Sefton Avenue, Litherland, and provide for:—

HEALTH VISITORS, SCHOOL NURSES.

There are four nurses employed in these duties, visiting homes and schools, as well as attending the welfare clinics.

MATERNITY AND CHILD WELFARE	Sefton Avenue, Litherland.
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ANTE-NATAL	Sefton Road, Litherland.
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SCHOOL CLINICS—

Dental	Sefton Road, Litherland.
Ophthalmic	Sefton Road, Litherland.
Minor Ailments	...	...	...	Sefton Road, Litherland.
Orthopaedic	...	...	...	Sefton Avenue, Litherland.
Speech Therapy	...	...	...	Sefton Avenue, Litherland.

A Day Nursery was opened on April 10th, 1943, to accommodate 50 children. It has proved a success and met a wartime need of some urgency. Consequently, an extension was opened on the 21st June, 1944, for 40 children. The Nursery is open from Monday to Friday 7 a.m. to 7 p.m., and on Saturday from 7 a.m. to 1 p.m. Children of the age of 12 months to 5 years are accepted. This nursery is administered by the County Council.

PROFESSIONAL NURSING IN THE HOME.

Two District Nurses visit on request of the Medical Practitioners by arrangement. This service is administered by the County Council.

DOMESTIC HELP SERVICE.

This service is administered by the County Council, and Home Helps can be obtained in cases of illness on application to the Divisional Medical Officer or through the Litherland Health Department.

AMBULANCE FACILITIES.

Ambulance Services are provided by the Lancashire County Council from Depots in Crosby and Ormskirk.

PATHOLOGICAL AND BACTERIOLOGICAL EXAMINATIONS.

Sputum.—These specimens are sent direct to Lancashire County Council Tuberculosis Dispensary, by Medical Practitioners.

Blood, Throat Swabs, etc—Sent direct by Medical Practitioners to Liverpool University, Bacteriological Department.

Milk—Twelve samples were submitted to Liverpool University, and twelve samples of Ice Cream.

3.—Sanitary Circumstances of the Area.

WATER SUPPLY.

The water supply is obtained from the City of Liverpool; the chief source is Lake Vyrnwy in Wales. The water is excellent in quality, and there is a constant supply for all purposes. The number of houses supplied direct from the public mains is approximately 7,247. There has been no analysis during the year; this work is carried out by Liverpool Corporation. Complaints of discolouration and sediment, probably due to extensions or repairs to mains supply, were reported to Liverpool Corporation and received prompt attention. The whole of the dwelling-houses are supplied from the public water mains direct to the houses.

DRAINAGE AND SEWAGE.

The sewage (which is dealt with on the combined system) is discharged without treatment into the Rimrose Brook sewer and finally into the River Mersey.

RIVERS AND STREAMS.

No action has been necessary to check pollution of rivers and streams and no new works have been established to cause pollution.

Closet accommodation at the end of 1958:—

No. of Houses on the Water carriage system approximately 7,255

SCAVENGING.

This work is carried out by the Public Health Department, under the supervision of the Chief Public Health Inspector, and is working satisfactorily. Refuse is conveyed by motor vehicles to the Council's tips, situated in Beach Road, Litherland. The fleet comprises two "Paxit" and one "Low Loader," with one Low Loader in reserve.

SANITARY INSPECTIONS DURING 1958.

No. of premises visited	...	...	...	...	2,165
Defects or Nuisances—					
No. discovered	...	...	...	...	1,945
No. abated	...	...	...	...	1,883
No. of Notices served—					
Informal	...	...	...	...	848
Abatement	...	...	...	...	1
Legal Proceedings	...	...	...	...	Nil

OFFICES AND SHOPS ACT, 1950.

No statutory action has been necessary; sanitary defects, and improvements have been carried out as required, hot water supplies have been installed etc.

CAMPING SITES.

There were no licences issued for camping sites during the year.

SWIMMING BATHS AND POOLS.

There are no Swimming Baths or Pools within the District.

DISINFESTATION.

One hundred and seventy seven houses were disinfested during the year.

PREMISES AND OCCUPATIONS WHICH CAN BE CONTROLLED BY BYE-LAWS OR REGULATIONS.

There are no Common Lodging Houses; Houses let in Lodgings; Tents, or Sheds, or Underground Sleeping Rooms in the district

OFFENSIVE TRADES.

There are two Tanneries, and eleven Fish and Chip Potato premises in the district; these are inspected from time to time.

THE RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951.

There are no premises in the district in which Rag Flock is manufactured or sold.

CANAL BOATS.

There are no canal boats used as permanent residences in the district.

4.—Housing.

STATISTICS FOR THE YEAR 1958.

There were 137 houses and 28 flats built during the year by the Council, also 18 houses by other persons.

HOUSING ACT, 1957.

There were three houses demolished during the year, forty-nine persons were rehoused.

GENERAL OBSERVATIONS ON OVERCROWDING.

There is still a serious shortage of houses for all classes of people in the district. There is no information available from the Housing Department, as to the number of families living in overcrowded conditions, or the number of cases relieved of overcrowding during the year.

5.—Inspection and Supervision of Food.

MILK SUPPLY.

The Dairies and Milk Shops within the district are periodically inspected.

Twelve samples were obtained from persons selling milk within the district, and sent for Bacteriological examination.

FOOD AND DRUGS ACT, 1955. (SAMPLES OBTAINED BY THE COUNTY SAMPLING OFFICER).

A total of 131 samples was obtained, consisting of 102 samples of milk and 29 others comprising:—

3 Pork sausages	1 Golden raising powder
4 Glycerin of Borax	1 Arrowroot
6 Vegetables, dried	1 Baking powder
4 Blaunds pills	3 Cheese
2 Beef sausages	2 Coffee
1 Barley	1 Cocoa

The samples were submitted to the County Analyst for analysis and I give below details of those which were found to be adulterated or which otherwise gave rise to irregularity:

<i>Type</i>	<i>Result of Analysis</i>	<i>Action taken</i>
Milk	Freezing point indicated the presence of 2.0% of extraneous water.	Vendor cautioned and further samples taken.

Glycerin of Borax B.P.	Not in current B.P. should be labelled "B.P. 1948" or "B.P.C."	Vendor communicated with.
Glycerin of Borax B.P.	Contained only 10.8% borax. Minimum limit in B.P.C. is 11.5%. Therefore deficient 0.7% of borax. Should be labelled "B.P" 1948" or "B.P.C"	Vendor communicated with.
Milk	Freezing point indicated the presence of 1.0% of extraneous water.	Vendors interviewed and further samples taken.
Milk	Freezing point indicated the presence of 0.5% of extraneous water.	Vendor cautioned and further samples taken.

MEAT AND OTHER FOODS.

The food exposed for sale or prepared in the district has been examined from time to time. The premises and shops have been kept in a cleanly state.

BAKEHOUSES.

There are ten bakers and confectioners in the district; the premises are in a sanitary condition, clean and well kept; alterations and repairs have been carried out during the year.

6.—Prevalence of and Control over Infectious Disease.

392 cases of infectious diseases were notified during the year (see Tables of Notifiable Diseases on pages 18/20.)

DIPHTHERIA IMMUNIZATION.

Immunization against Diphtheria is carried out by the County Council at each session of the Infant Welfare Centre, Sefton Avenue, and Sefton Road, Mondays and Wednesday. 274 cases were completed during the year, also 119 Booster Doses. Immunization is also carried out in the schools in the district regularly.

Immunization against Diphtheria commenced on 17th May, 1935; during this period 8,393 cases have been immunized in the district.

There were no cases of diphtheria notified during the year.

VACCINATION.

Vaccination is available at every session of the child welfare clinic at Sefton Avenue; this work is also carried out by the General Practitioners under the National Health Service. There were 333 Primary

Vaccinations performed, during the year.

SCARLET FEVER.

There were ten cases of Scarlet Fever during the year, a decrease of six on last year; there were no deaths from this disease, which continues to be a mild disease.

MALARIA.

There were no cases notified during the year.

TYPHOID FEVER (INCLUDING PARA-TYPHOID).

There were no cases of Para-Typhoid fever during the year.

TUBERCULOSIS.

Total number of cases added to the local Register during 1958 was 24, 22 Respiratory and 2 non Respiratory.

No action has been necessary in respect of Tuberculosis employees in the Milk Trade or to Section 172 Public Health Act, 1936, for removal to Hospital of infectious persons suffering from Pulmonary Tuberculosis.

MEASLES.

Measles show an increase during the year 330 cases being notified as against 77 in 1957; there were no deaths due to Measles, but it still continues to be one of the serious infectious diseases of childhood.

WHOOPING COUGH.

11 Cases were notified during the year, as against 58 in 1957. There were no deaths due to this disease, but it continues to be one of the serious infectious diseases of childhood.

SCABIES.

There were no cases dealt with during the year.

GENERAL.

There have been no reports made under Article 15 (7) of the Public Health Officers Regulations, 1959 which refers to Plague, Cholera, Smallpox, Yellow Fever, Louse-borne typhus or Louse borne relapsing fever or any serious outbreak of disease or food poisoning in the district. It has not been necessary to close the schools during the year because of infectious disease.

DISINFECTION.

There were 11 houses disinfected during the year after Infectious Disease, and sickness including Tuberculosis. Several articles were disinfected at the Council's Disinfector (a Washington Lyons Type) situated in the Council's yard, Field Lane.

There is no arrangement for bathing verminous persons, etc. Disinfestation has been carried out at 177 houses.

Notifiable Diseases, 1958

Number of cases of Infectious Diseases notified and number of deaths from these diseases.

	TOTAL CASES NOTIFIED											TOTAL DEATHS
NOTIFIABLE DISEASES	Total cases at all ages	Age Periods — Years										
		0—	1—	2—	3—	4—	5—	10—	15—	25 and over	Age un-known	
Scarlet Fever	10	Nil	Nil	2	1	3	4	Nil	Nil	Nil	.....	Nil
Whooping Cough	11	1	1	2	Nil	3	4	Nil	Nil	Nil	Nil	Nil
Acute Poliomyelitis												
Paralytic	Nil	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Nil
Non-paralytic	Nil	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Nil
Measles (exclud'g rubella)	344	9	40	53	49	54	139	.....	.....	.....	.....	Nil
Diphtheria	Nil	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Nil
Dysentery	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	Nil
Meningococcal infection	Nil	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Nil
Ophthalmia neonatorum	Nil	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Nil
		0	5	15	45	65 and over	Age unknown					
Acute pneumonia, (prim. and infl'zal)	2	.....	.....	3	1	1	.....					2
Smallpox	Nil	.....	.....	.....	.....	.....	.....					Nil
Acute encephalitis—												
Infect ve	Nil	.....	.....	.....	.....	.....	.....					Nil
Post-infectious	Nil	.....	.....	.....	.....	.....	.....					Nil
Enteric or typhoid fever	Nil	.....	.....	.....	.....	.....	.....					Nil
Paratyphoid fevers	Nil	.....	.....	.....	.....	.....	.....					Nil
Erysipelas	Nil	.....	.....	.....	.....	.....	.....					Nil
Food poisoning	Nil	.....	.....	.....	.....	.....	.....					Nil
Tuberculosis—												
Respiratory	22	Nil	1	15	6	Nil	Nil					4
Meninges and C.N.S.	2	.....	.....	.....	.....	.....	.....					Nil
Other	2	.....	.....	2	.....	.....	.....					Nil
Puerperal pyrexia	Nil	.....	.....	..	.....	.....	.....					Nil
Other notifiable diseases (specify)	Nil	.....	.....	.....	.....	.....	.....					Nil

INFECTIOUS DISEASES.

392 cases of Infectious Disease were notified during the year 1958
including Tuberculosis.

	CASES NOTIFIED									
	1958	1957	1956	1955	1954	1953	1952	1951	1950	1949
Smallpox	Nil	Nil	Nil	Nil	Nil	Nil	...	...	...	...
Scarlet Fever	10	16	32	25	30	24	9	19	37	28
Diphtheria	Nil	Nil	Nil	Nil	Nil	Nil	...	...	...	1
Enteric or typhoid fever (excluding paratyphoid)	Nil	Nil	...	Nil	Nil	Nil	...	...	...	...
Paratyphoid fever	Nil	Nil	3	3	Nil	Nil	...	7	...	...
Measles (excluding rubella)	344	77	757	147	226	444	175	379	421	210
Whooping cough ... ..	...	58	146	92	57	174	17	134	140	98
Acute pneumonia (primary and influenzal)	2	5	1	Nil	2	5	5	8	10	2
Puerperal pyrexia	Nil	Nil	1	Nil	Nil	Nil	4	1	...	...
Meningococcal infection	Nil	Nil	1	1	Nil	1	Nil	1	...	...
Acute Poliomyelitis—										
Paralytic	Nil	1	1	Nil	Nil	Nil	Nil	Nil	3	2
Non-paralytic	Nil	1	Nil	Nil	1	Nil	Nil	Nil	...	...
Acute encephalitis—										
Infective	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	...	...
Post-infectious	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	...	...
Dysentery	1	1	4	4	Nil	16	Nil	3	...	4
Ophthalmia neonatorum	Nil	Nil	Nil	Nil	Nil	1	1	Nil	...	1
Erysipelas	Nil	Nil	1	1	2	1	Nil	2	1	1
Malaria—										
Contracted in England and Wales	Nil	Nil	Nil	Nil	Nil	...	Nil	...	...	...
Abroad	Nil	Nil	Nil	Nil	...	...	1	...	...	...
Food poisoning	Nil	Nil	Nil	1	1	1	1	Nil	...	...
Tuberculosis—										
Respiratory	22	33	34	31	...	...	...	...	...	...
Meninges and C.N.S.	Nil	Nil	...	...	...	...	...	...	...	...
Other	2	1	5	2	...	...	...	...	...	...
Any other diseases notifiable in district, e.g.—										
Any other diseases (specify)*										
*Cerebro-spinal fever	Nil	Nil	...	...	...	Nil	Nil	Nil	...	2
Anthrax	Nil	Nil	...	...	...	Nil	Nil	Nil	...	...
Gastro-enteritis	Nil	Nil	...	...	...	Nil	Nil	Nil	...	...
Canicol Fever	Nil	Nil	...	...	1	...	...	...	...	...
	392	193	956	307	320	667	213	554	612	349

TUBERCULOSIS.

NEW CASES AND MORTALITY DURING 1958 (Local Register).

AGE PERIODS.		NEW CASES.				DEATHS.			
		Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
		M	F	M	F	M	F	M	F
Years	0 ... ..	.....	.....	.....	.....	.....	.....	.....	.....
	1 ... ..	.....	.....	.....	.....	.....	.....	.....	.....
	3 ... ..	.....	.....	.....	.....	.....	.....	.....	.....
	5	1	.....	.....	.....	.....	.....	.....	.....
	10	Nil	.....	.....	.....	.....	.....	.....	.....
	15	Nil	5	.....	.....	.....	.....	.....	.....
	25	3	7	.....	2	1	.....	.....	.....
	45	5	1	.....	.....	1	2	.....	.....
	65 and over	.....	.....	.....	.....	4	.....	.....	.....
	Age not known	.....	.....	.....	.....	.....	.....	.....	.....
TOTALS ...		9	13	Nil	2	6	2	Nil	Nil

Total number of new cases added to the local Register during 1958 was 24. 22 Respiratory and 2 Non-Respiratory.

TUBERCULOSIS.
NEW CASES AND MORTALITY DURING 1958 (Local Register).

Years	NEW CASES.				DEATHS.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M	F	M	F	M	F	M	F
1958	9	13	...	2	6	2	Nil	Nil
1957	18	16	1	1	5	1	Nil	1
1956	19	15	2	3	5	2	Nil	Nil
1955	25	12	Nil	2	9	1	Nil	Nil
1954	22	33	2	2	6	3	Nil	Nil
1953	32	13	1	1	5	3	...	...
1952	19	24	1	1	9	3	1	...
1951	14	15	...	2	5	5	...	...
1950	21	24	5	3	8	9	...	...

There were no cases of non-notified Tuberculosis death.

There is no evidence of excessive incidence of, or mortality from Tuberculosis in any particular occupation in the district.

7.—Maternity and Child Welfare.

The whole of this work is carried out by the Lancashire County Council at Sefton Avenue, and Sefton Road, Litherland.

OPHTHALMIA NEONATORUM.

This work is carried out by the Lancashire County Council; there were no cases notified during the year.

The Urban District Council of Litherland.

ANNUAL REPORT OF THE Chief Public Health Inspector 1958

To THE CHAIRMAN AND MEMBERS
OF THE HEALTH COMMITTEE.

September, 1959.

LADIES/GENTLEMEN,

Health Report

I have the honour to present my twenty-eighth Annual Report for the year ending 31st December, 1958, together with the particulars of the work done and improvements effected thereby.

The modernized dairy referred to in my last report has resulted in an increased output of approximately 500 gallons of milk per day; a new vacuum bottling machine has been installed during the year and is working very satisfactorily.

A new pasteurization plant, also a weighing machine (for the weighing of the milk on reception from the farms) and a new tipping tank are at present being assembled.

HOUSING. There were one hundred and thirty seven new houses and twenty-eight new flats built during the year by the Council, also eighteen houses by other persons.

SLUM CLEARANCE. Three houses were demolished during the year and forty nine persons were rehoused.

ATMOSPHERIC POLLUTION. In my last report I referred to vibrations from a rotary furnace, during the process involving the poling of molten molten copper. The Manager of the factory concerned took advice from several experts, as a result of which the foundations of the furnace were completely renewed and so constructed that the vibration of the foundation would not be transmitted to the structure of the building; the sides and bottom of the foundations were surrounded with a 2 inch layer of cork to bring about a cushioning effect. The exhaust system has been completely renewed and the flues have been constructed in a more direct route to the works chimney.

Complaints of smells from another factory have received the attention of the Alkali Inspector and myself. The Autoclave process is for the baking of rubber crumb, whereby the small pieces of rubber are placed in cylinders and then in steam heated chambers. After processing, the rubber is removed and taken to the milling machines to be made into sheets of rubber. During the process of discharging the rubber and removing it to the milling machines, the vapours discharged into the atmosphere create unpleasant smells, the firm are at present experimenting with sprays of water to bring down the vapours.

I have recently discussed this problem with a firm of specialists who are to contact the General Manager of the factory: the specialists are of the opinion that they would be able to eliminate the nuisance if the management gave them authority to proceed.

Mr. E. F. Barnes commenced duties as Additional Public Health Inspector on 6th January, 1958.

INSPECTION OF THE DISTRICT, NOTICES SERVED, Etc.

During the year 4,427 inspections and re-inspections were made in reference to complaints and housing.

It was necessary in numerous instances, however, to interview and write to the persons concerned, drawing their attention to notices which had not received prompt attention.

There were 848 Informal Notices and letters, etc., referring to nuisances and general dilapidations served, and in due course complied with.

Authority was granted to serve six Abatement Notices all of which were complied with, five were completed before the notice was served.

HOUSING INSPECTIONS.

At the request of the Housing Department a total of 240 houses were inspected during the year, 166 Council houses and 74 privately owned houses, to ascertain if they were clean and free from vermin before removal of the occupants to Council houses, or exchanges in Council houses or to privately owned houses.

HOUSING ACT, 1957. Three unfit dwelling houses were demolished during the year, the number of persons displaced was forty nine.

SCHOOLS.—W.C. accommodation and water supply at the schools is satisfactory.

RENT ACT, 1957—60 applications for Certificates of Disrepair were received during the year, and certificates were issued in 14 cases. 38 applications for the issue of certificates as to the remedying of defects were received and 38 certificates were issued. ,

INSPECTION OF THE FOOD SUPPLY.—The food exposed for sale in the district has been inspected from time to time. Meat shops and food preparing places are inspected periodically.

Handling of unwrapped food is still prevalent despite advice and propaganda.

A total of 12 cwt. 1 qrs. 19 lb. of food was condemned as unfit for human consumption during the year.

SLAUGHTER-HOUSES. There are no slaughter houses in the district.

CLEAN FOOD CAMPAIGNS. Talks on Food Hygiene had been given to Canteen personnel. Posters received from the Ministry have been exhibited in Canteen and Food Premises.

MILK SUPPLIES

There are five retail distributors of milk in the district five with premises outside the district; also forty shops selling bottled milk and on the whole a fairly high standard of cleanliness is obtained, thirty three visits were made during the year.

MILK AND DAIRIES REGULATIONS, 1949-54

No. of distributors registered by the Local Authority.

(a)	Dairies in the district	...	...	...	...	1
(b)	Shops in the district selling milk	...	...	...	...	40
(c)	Premises outside the district	.....	...	...	...	5

Milk (Special Designations) (Raw Milk) Regulations, 1949-54

Dealers Licences including Supplementary Licences

Tuberculin Tested Milk	19
------------------------	-----	-----	-----	-----	-----	----

Milk (Special Designation) (Pasteurized and Sterilized Milk) Regulations, 1949.

Retail distributors	(a)	"Pasteurized"	...	...	15
	(b)	"Sterilized"	...	...	34

BACTERIOLOGICAL SAMPLES.

MILK SAMPLES—Twelve samples were submitted for examination. The Bacteriologist report shows that all samples were satisfactory to the "Methylene Blue Test" the "Phosphatase Test" and to the Turbidity test.

ICE CREAM SAMPLES—Twelve samples of ice cream were sent for "Bacteriological Examination".

The results of the samples are as follows:—

Provisional Grade 1	—	5	samples
"	"	2	— 5 "
"	"	3	— 2 "

FOOD AND DRUGS SAMPLES—Twelve samples of milk were taken under the Food and Drugs Act, 1938-1950; all samples were reported "Genuine."

FISH FRYING SHOPS AND WET FISH SHOPS.—Thirty four visits were paid to fish frying shops and wet fish shops, which were maintained in a generally satisfactory condition.

PET ANIMALS ACT, 1951—There are two shops licensed under the provisions of the Act, under the same proprietor, both shops have been inspected during the year and found satisfactory.

SMOKE ABATEMENT.—Visits to factories have been made where black smoke and grit have been excessive; interviews between managers, engineers, chemists and stokers have taken place and advice given. Complaints of obnoxious fumes from a factory received attention, the Alkali Inspector and I visited the factory and had a joint consultation with the General Manager and the Chief Engineer.

The larger industries find employment for approximately 3,819 persons.

DRAINAGE AND SEWERAGE—The Sewerage (which is on the combined system) is discharged without treatment into the Rimrose Brook Drainage system and finally discharged into the River Mersey

REFUSE COLLECTION.—This work is carried out under the supervision of the Public Health Department; three gangs, with three vehicles are used, a much improved service has been given to the new extended area.

The fleet comprises two Paxits and one Low Loader, with one low loader in reserve. Gullies are emptied by hand.

One hundred and nine new refuse bins were provided during the year, exclusive of Council property.

DISINFESTATION—One hundred and seventy seven houses were disinfested during the year by means of spraying D.D.T. in Zaldecide and Gammexane smoke, with success. The disinfestations included bugs, (nineteen from Council houses and 13 from other houses) cockroaches, ants and, earwigs, fleas, maggots, wasps and bees.

One of the tanneries was infested with small flies which gained access to houses and shops in the area, treatment with Zaldecide sprayed was satisfactory. One piggery was successfully treated for flies.

Clothing and bedding were taken to the Council's Steam Disinfector.

Three dead dogs and three dead cats were removed during the year.

PREVENTION OF DAMAGE BY PESTS ACT, 1949.—

RODENT CONTROL

	<i>L.A. Property</i>	<i>Private Dwellings</i>	<i>Business Premises</i>	<i>Agricultural Property</i>	<i>Total</i>
Inspections made	44	254	163	6	467
Infestations notified	2	48	18	Nil	68
Infestations found on inspection	15	41	7	2	65

<i>Infested Property</i>	TREATMENTS		DESTRUCTION (Approx.)	
	<i>Rats</i>	<i>Mice</i>	<i>Rats</i>	<i>Mice</i>
Local Authority	8	9	39	37
Private dwellings	11	74	38	446
Business Premises	7	19	20	221
Agricultural	Nil	Nil	Nil	Nil
TOTALS	26	102	97	704

COUNCIL HOUSING ESTATES—A Survey of poultry keepers was carried out during the year, 17 premises were inspected, a decrease of 5 on the previous year. No rodents were found, and conditions of cotes and runs were satisfactory.

COUNCIL ALLOTMENTS—Both Beach Road and Hatton Hill allotments were inspected for rodents and rabbits. Hatton Hill allotments were found to be free of pests, but Beach Road allotments still have occasional rats, and a few rabbits. Plot holders have been advised on prevention and destruction measures by the Council Rodent Operator

SEWERS—261 Manholes were test baited and 32 manholes were treated for minor infestations of rats. The treatment was carried out in two parts, October and March. The Ministry's new Warfarin technique was used and recorded results showed complete destruction of rats at the infested manholes. The Ministry's Inspector was present during part of each treatment and was satisfied that the Ministry's directions were carried out.

WARFARIN.—All surface infestations were again treated with Warfarin successfully, and required only one treatment.

TENTS, AND SHEDS.—There is no recognised camping site in the district, and no action was necessary during the year.

CARAVANS.—attached to Fair Grounds were supervised during their stay in the district; pail closets and refuse collection were satisfactorily dealt with by the Local Authority. One caravan used as a permanent residence has now removed from the district.

SUPERVISION OF INFECTIOUS DISEASES — Nineteen visits were paid to houses where Infectious Diseases had occurred and the necessary enquiries made into each case, also a sanitary survey was made of the premises, notices served where necessary for various defects, and work was carried out, and eight re-visits were paid to ensure that the work was carried out.

The head teachers have been notified regarding children attending the schools where infectious disease had occurred, also after disinfection.

FACTORIES ACT, 1937 and 1948.

Annual Report of the Medical Officer of Health in respect of the
Year 1958 for the Urban District of Litherland in the County of
Lancaster.

PART I OF THE ACT.

1.—INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises (1)	M/c line No. (2)	Number on Register (3)	Number of			M/c line No. (7)
			Inspections (4)	Written notices (5)	Occupiers prosecuted (6)	
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ...	1	26	54	Nil	Nil	1
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	2	50	163	Nil	Nil	2
(iii) Other Premises in which Section 7 is enforced by the Local Authority † (excluding out-workers' premises)	3	5	10	Nil	Nil	3
TOTAL		81	227	Nil	Nil	

2.—Cases in which DEFECTS were found.

(If defects are discovered at the premises on two, three or more separate occasions, they should be reckoned as two, three or more "cases.")

Particulars (1)	M/c line No. (2)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (7)	M/c line No. (8)
		Found (3)	Remedied (4)	To H.M. Inspector (5)	Referred By H.M. Inspector (6)		
Want of cleanliness (S.1)	4	5	5	Nil	Nil	Nil	4
Overcrowding (S.2)	5						5
Unreasonable temperature (S.3) ...	6						6
Inadequate ventilation (S.4)	7	4	4	Nil	Nil	Nil	7
Ineffective drainage of floors (S.6)	8	3	3	Nil	Nil	Nil	8
Sanitary Conveniences (S.7)							
(a) insufficient	9	4	4	Nil	Nil	Nil	9
(b) Unsuitable or defective ...	10	9	9	Nil	Nil	Nil	10
(c) Not separate for sexes ...	11	1	1	Nil	Nil	Nil	11
Other offences against the Act (not including offences relating to Outwork)	12	10	10	Nil	Nil	Nil	12
TOTAL	60	36	36	Nil	Nil	Nil	60

PART VIII OF THE ACT.
OUTWORK (Sections 110 and 111)

Nature of Work (1)	M/c line No. (2)	Section 110			Section 111			M/c line No. (9)
		No. of out- workers in August list required by Sect. 110 (1) (c) (3)	No. of cases of default in sending lists to the Council (4)	No. of prosecu- tions for failure to supply lists (5)	No. of instances of work in unwholesome premises (6)	N'tices served (7)	Prose- cutions (8)	
Wearing apparel { Making, etc.	13	2	Nil	Nil	Nil	Nil	Nil	13
	14							14
The making of boxes or other recep- tacles or parts thereof made wholly or partially of paper	34	2	Nil	Nil	Nil	Nil	Nil	34
TOTAL	70	4	...	...	...	...	...	70

SUMMARY OF WORK OF DEPARTMENT.

Number of inspections and re-inspections (complaints and housing)	4427
Number of visits and re-visits to factories	227
Number of visits to bakehouses	14
Number of visits to dairies and milkshops, etc.	33
Number of informal notices served and letters, etc.	848
Number of visits to offensive trades	5
Number of visits to Hotels	8
Samples of milk submitted for bacteriological examination	12
Samples of ice cream submitted for bacteriological examination	12
Samples of milk taken under Food and Drugs Act	12
Cases of infectious disease visited and reported upon	19
Number of houses disinfected	11
Number of verminous houses disinfested for bugs	32
Number of verminous houses disinfested for other insects etc.	177
Number of visits to fish frying shops and wet fish shops	34
Number of visits to butchers' shops, food preparing places, ice cream premises and food hawkers, etc.	174
Number of visits to schools	8
Number of visits to Caravans	12
Number of visits to stable premises and garages	4
Number of visits to Pet Shops	4

DETAILS OF SANITARY IMPROVEMENTS AND
ABATEMENT OF NUISANCES.

Drains tested, repaired or renewed	80
Defective w.c. cisterns, pans, traps, water supply, etc.	152
Staircases repaired	15

Defective water supply to houses, etc., new taps, burst pipes, etc.	...	...	...	...	...	...	80
Defective floors in dwelling houses, etc.	...	...	...	...	...	...	61
Offensive accumulations	...	...	...	...	...	...	12
New ashbins provided	...	...	...	...	...	...	109
Insanitary yard surfaces	...	...	...	...	...	...	51
Walls and chimneys pointed and repaired	...	...	...	...	...	...	143
Defective eaves, gutters, R.W. pipes, etc.	...	...	...	...	...	...	142
New back boilers, storage cisterns and cylinders provided or repaired	...	...	...	...	...	...	19
Defective skirting and drainer boards repaired	...	...	...	...	...	...	39
Defective plasterwork and limewashing, etc.	...	...	...	...	...	...	113
Repairs to window sashes and frames, and lighting and ventilation improved	...	...	...	...	...	...	101
Leaky roofs (dwelling houses, etc).	...	...	...	...	...	...	166
New doors and repairs to doors	...	...	...	...	...	...	102
Fireplaces repaired or provided	...	...	...	...	...	...	37
New sinks or other sanitary fittings	...	...	...	...	...	...	46
Animals and Fowls kept to be a nuisance	...	...	...	...	...	...	2
Defective washboilers repaired or provided	...	...	...	...	...	...	3

FACTORIES ACT, 1937 and 1948.

Want of cleanliness	...	...	...	...	...	...	5
Ineffective drainage of floors	...	...	...	...	...	...	3
Defective sanitary conveniences and insufficient	...	...	...	...	...	...	14
Other defects (burst pipes, walls, etc.)	...	...	...	...	...	...	10
Inadequate ventilation	...	...	...	...	...	...	4

In conclusion I wish to express my thanks to the Chairman and Members of the Health Committee and the staff for their continued support during the year.

I am, Ladies/Gentlemen,

Your obedient Servant,

H. HARRISON,

Chief Public Health Inspector.

